

METRIC - SEPARATION STRUCTURE SURVEY REPORT

DT1695 1/2002

Wisconsin Department of Transportation

Final Plan Due Date	Preliminary Plan Due Date	<input type="checkbox"/> Town of <input type="checkbox"/> Village of <input type="checkbox"/> City of		
New Structure Number	Highway	County	Design Project ID	
Aesthetics Level <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 (For Levels 2, 3 & 4, Explain on Page 3)		Construction Project ID		
Station	Section	Town	Range	
Highway/Railroad Over		Traffic Forecast Data		
Highway Railroad		Design Year	Average Daily Traffic (ADT)	Roadway Design Speed
District Contact Person/Area Code with Telephone Number		Overpass		Functional Class
Consultant Contact Person/Area Code with Telephone Number		Underpass		

Instructions for Structure Survey

In addition to this report, the following information shall be submitted.

1. **Small County Map** on which the location of proposed structure is shown in red and highway relocation, if any, in green.
2. **Plan and Profile Sheet** on proposed reference line of highway showing the following: (a) Ground line; (b) Finished grade line; (c) Profile grade line elevations at least every 50 meters for 300 meters each side of the structure; (d) Vertical curve control points; (e) Horizontal curve control points; (f) Curve data, including full SE and runoff distance.
3. **Layout Sketch** of the site drawn to a scale of not less than 1:1000 showing the following: (a) Existing highway and structure; (b) Proposed highway alignment and R/W; (c) Station numbers; (d) Reference line intersection stationing and intersection angle; (e) North Point; (f) Buildings; (g) Underground facilities; (h) Other features which influence the design; (i) Railroad company stationing; (j) Stations at end of existing structure; (k) Proposed structure for consultant designed structures.
4. **Typical Sections** of all roadways showing the following: (a) Dimensions; (b) Slopes; (c) Type and width of surfacing or pavement; (d) Subgrade; (e) Sidewalk, curb and gutter; (f) Median treatment at underpass mounted or ditch section; (g) Clear zone width; (h) Horizontal clearances at underpass.
5. **Original Photographs** of: (a) Existing structure; (b) Buildings within 30 meters of proposed structure.
6. **Proposed Location Map** showing structure location and number, one per structure when there are multiple structures on the project.

Proposed Structure

Preference for Structure Type at this Site		<input type="checkbox"/> Check here if to be determined by Central Office	
Spans - Number		Approximate Centerline to Centerline Span Lengths Along Reference Line of Highway	
Roadway Width Between Curbs m	Cross Slope on Deck or N.C. (Normal Crown) percent	Skew <input type="checkbox"/> R.H.F. <input type="checkbox"/> L.H.F.	
Sidewalks - Number	Clear Width m	Location	
Type of Slope Protection			
Specify Wing Location for Beam Guard Attachment			
Specify Wing Location for Surface Drain Anchors			

<table style="width: 100%;"> <tr> <td style="width: 15%;">YES</td> <td style="width: 15%;">NO</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Have Soil Borings been Requested (If not, Please Explain on Page 4)</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Staged Construction</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Temporary Structure Required</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Lighting Required - Bolt Circle Diameter</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Traffic/Lighting Staff been Notified for Review?</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Structure Backfill Required</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Is this Project on the National Highway System?</td> </tr> </table> <p>Proposed Disposition of Existing Structure</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">YES</td> <td style="width: 15%;">NO</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Structure will be Removed</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Bid Item will be Included in Structure Plan Quantities</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Structure will Remain in Service</td> </tr> <tr> <td></td> <td></td> <td>Structure Number</td> </tr> </table>	YES	NO		<input type="checkbox"/>	<input type="checkbox"/>	Have Soil Borings been Requested (If not, Please Explain on Page 4)	<input type="checkbox"/>	<input type="checkbox"/>	Staged Construction	<input type="checkbox"/>	<input type="checkbox"/>	Temporary Structure Required	<input type="checkbox"/>	<input type="checkbox"/>	Lighting Required - Bolt Circle Diameter	<input type="checkbox"/>	<input type="checkbox"/>	Traffic/Lighting Staff been Notified for Review?	<input type="checkbox"/>	<input type="checkbox"/>	Structure Backfill Required	<input type="checkbox"/>	<input type="checkbox"/>	Is this Project on the National Highway System?	YES	NO		<input type="checkbox"/>	<input type="checkbox"/>	Structure will be Removed	<input type="checkbox"/>	<input type="checkbox"/>	Bid Item will be Included in Structure Plan Quantities	<input type="checkbox"/>	<input type="checkbox"/>	Structure will Remain in Service			Structure Number	<p style="text-align: center;">Vertical Clearance Design</p> <p><input type="checkbox"/> 4.5m to 4.6m</p> <p><input type="checkbox"/> 5.0m</p> <p><input type="checkbox"/> Other</p>
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If utilities will be carried on the structure, complete the following data.				
Type	Size	Opening Size at Abutments	Weight	Pressure

Additional Information

Elaborate on other concerns such as: DNR, Local, aesthetics and Stage Construction

FOR BRIDGE OFFICE USE

Plans Checked By

Date